

Training and safety issues.



## Welcome To Your June Newsletter

We have had a fantastic May, and we're halfway through June. So what now? Well our chapter has been busy setting up more training programs and reviewing what we could do to make our Vendor Show 2018 even better than our Vendor Show 2017. Any suggestions? Did you like the new venue and the food? How about the training? C'mon, let's hear from you.



**Date:** Friday, June 16<sup>th</sup>, 2017  
**Time:** 11:00 AM to 1:00 PM  
**Event:** Chapter Member Appreciation  
**BBQ Lunch**

That's right! We as a chapter want to pat ourselves on our back and maybe throw around some well deserved fist bumps, so stop by for lunch this Friday at 5151 Fairbanks Street in Anchorage, AK.

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The lucky winner of the SCTE Alaska Chapter's essay contest and the trip to the 2017 Cable-Tec EXPO is....

First we would like to thank the five member selection committee for the commitment, thought and consideration they put forth towards evaluating each entry. The committee received a number of excellent essays and selecting a winner was no simple task.

To those of you that entered the contest, we can't thank you enough for the sincerity. we are certain that any of you would have represented the chapter well in Denver this fall.

This year's winner has been a model member and the chapter benefits regularly from his contributions.

Please join us and offer your congratulations to Tom Spiak on his selection as this year's winner! The SCTE Alaska Chapter is proud to be awarding Tom the opportunity to attend the 2017 Cable-Tec EXPO.

As for what the SCTE can do for you and your career..... Ask Tom - or any Board Member.... Or simply go to [www.scte.org](http://www.scte.org)

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## **Upcoming Training Downstream Ingress**

## Identification and Mitigation

This one hour session will be held at 5151B Fairbanks Street in Anchorage, AK at 8:15 on June 14th and again on June 21st at 10:15am. While the ability to detect faults has had significant improvements, the “Fix” part of the equation still continues to be a big challenge.

Attend our training session to learn some techniques that will better prepare you to tackle these impairments so that you may do your part to improve the quality of experience for your customers. Luke is available to answer your questions by email after the presentation. Once again Luke Kelly from GCI will be presenting this important training session.

## Technology Webinar Series

The Technology Webinar Series is a collection of live, 1-hour, web-based seminars that cover hot-topics on the latest industry trends. Moderated by SCTE/ISBE training and engineering professionals, this educational presentation is a member benefit which is free. You must [register](#) to attend.

**Streaming RFoG and OBI Mitigation to Improve Customer Experience** - Tuesday June 20th 2017 at 10am.

Radio Frequency over Glass (RFoG) is a cost-effective way to convert a HFC network to support RF video over a Fiber to the Home or Premises (FTTH/FTTP) network. This conversion allows for improved reliability, lower maintenance costs and significantly increased performance, all while utilizing existing headend equipment and back office systems. Optical beat interference(OBI) is an artifact of RFoG that creates disruption of voice and data services especially as higher-bandwidth broadband is deployed and multiple upstream optical transmissions are introduced.

During this webinar we will:

- Illustrate how RFoG is utilized to extend the life of an expensive operator infrastructure
- Explain the causes of OBI and the effect it has on customer experience
- Recognize the current OBI mitigation techniques being deployed
- Understand how mitigating OBI leads to a superior customer experience

**Speaker: Joerick Santiago**

*Technical Sales Manager, RFoG, DPoE and EPON products - ADTRAN*

## Fiber Construction and Restoration

Thursday, June 15th, 2017, 10:00 AM Alaskan

### **Description:**

Whether you're deploying fiber to the premises, extending fiber deeper into your network to enable

greater capabilities on your HFC plant, or just tending the fiber you have already, optical networking likely has become a greater part of your capex and opex budgets. This webcast highlights ways to get the most for your investment and plan for future service capabilities.

[Register for this Webinar](#)

**“CLI Detection and Repair”** - Three separate sessions to be hosted by Luke Kelley at the FS Building, 5151B Fairbanks Street in Anchorage.

**Wednesday, July 5<sup>th</sup>** at 4:00pm

**Wednesday, July 12<sup>th</sup>** at 8:15am

**Wednesday, July 19<sup>th</sup>** at 10:15am

### **CORTEX**

Have you downloaded the CORTEX app from SCTE yet? Let us know what you think. Send an email to [thealaskachapter@gmail.com](mailto:thealaskachapter@gmail.com) or even post your feedback on our [facebook](#) page. Follow your learning plans and track progress to guide you to become an expert and advance your career. You can download the CORTEX from the [App Store](#) or from [Google Play](#).

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### **Trivia Question**

Before 1972, this southern New York company was known mainly for making TV picture tubes and for the iconic cookware bearing its name. But behind the scenes, the work of a small group of scientists was about to dramatically change the company’s legacy while redefining the entire field of telecommunications. Do you know the name of the company and the scientist that sparked the fiber optic revolution?

See answer at the end of the newsletter.

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**at 12:01 AM EDT on Monday June 19, 2017**

The SCTE•ISBE IP Challenge provides cable professionals an opportunity to showcase their IP knowledge by competing in a blended-style Jeopardy match that includes traditional questions, router and CMTS configuration, and hands-on activities.

In the coming weeks, SCTE•ISBE will hold two virtual qualifying matches for interested participants to showcase their IP skills. From these customized online virtual qualifier matches eight participants will be selected for the live, in-person finals during Cable-Tec Expo. These eight participants will receive a free pass to Cable-Tec Expo, where they will compete against one another as well as the defending 2016 IP Challenge Champion in the live IP Challenge final on Oct. 19 in Denver, CO.

#### **Virtual Qualifier Matches**

Match 1: June 19-25

**Registration Token: BYLREK8U**

Match 2: July 17-23

**Registration Token: E28UHNAG**

Participants will answer IP related questions in the six categories of: Routing, Cable Networks, DOCSIS CMTS, Internet Protocol, Configuration, and Multimedia over IP.

**REGISTER**



Just a quick safety moment here while I popcorn to another topic. The weather will be getting warmer (I promise), so please keep hydrated by drinking water. Soft drinks and coffee actually dehydrate you, and if you add increasing temperatures, heat exhaustion can and will catch up with you. If you are noticing more muscle cramping or maybe a slight light-headedness, you may already be suffering from dehydration. Remember, the suggestion is eight 8 oz glasses of water a day, plus another 8 oz for each soft drink or coffee.

Awareness is vital to prevent heat-related illnesses. Effects of overheating can go unrecognized by the victim and often are not well anticipated by safety personnel.

Use this [5-Minute Safety Talk](#) to make workers – and family members – aware of the signs and

solutions to heat-related illnesses.

This Safety Talk also is available as a [PowerPoint presentation](#).

While drinking all that water and staying cool, come by to check out other chapter members at our upcoming BBQ.

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**Answer to trivia question**

Corning is the company and Peter Schultz is the scientist. You can read more in this months issue of [Broadband Library](#).



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